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FROM: Ognyan I. Beremski

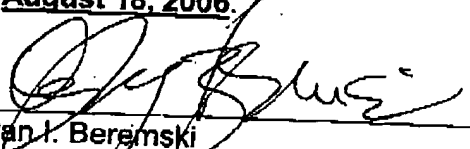
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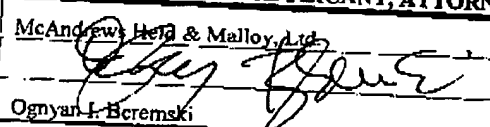
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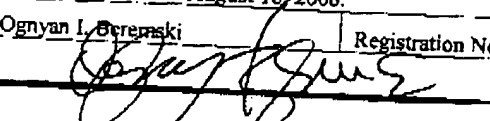
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<b>TRANSMITTAL FORM</b>	
(to be used for all correspondence after initial filing)	
Total Number of Pages in This Submission	25
<b>ENCLOSURES (check all that apply)</b>	
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD
<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Return-Receipt Postcard <input type="checkbox"/> Other Enclosure(s) (please identify below):	
Remarks	

<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>	
Firm	McAndrews, Held & Malloy, Ltd.
Signature	
Printed Name	Ognyan I. Beremski
Date	August 18, 2006

<b>CERTIFICATE OF FAX TRANSMITTAL</b>			
I hereby certify that this correspondence is being sent via facsimile to Commissioner for Patents, Attn: Amendments, at the United States Patent and Trademark Office on August 18, 2006.			
Name (Print/type)	Ognyan I. Beremski	Registration No. (Attorney/Agent)	51,458
Signature		Date	August 18, 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket No. 15562US02)

In the Application of:

JIM SWEET

Serial No. 10/800,454

Filed: March 15, 2004

Examiner: Matthew D. Spittle

Group Art: 2111

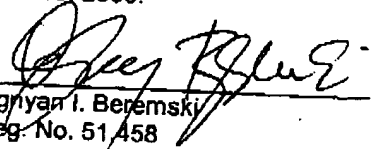
For: METHOD FOR MONITORING A  
SET OF SEMAPHORE REGISTERS USING  
A LIMITED-WIDTH TEST BUS

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on August 18, 2006.

By:

  
Ognyan I. Beremski  
Reg. No. 51,458

AMENDMENT UNDER 37 C.F.R. § 1.111

Mail Stop Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Amendment timely responds to the Office Action mailed May 18, 2006.  
Please consider the remarks herein that are believed to place the application in condition  
for allowance.

Amendments to the Claims are reflected in a listing that begins on page 2 of  
this paper.

Remarks begin on page 10 of this paper.